

Department of Forensic Science  
Breath Alcohol Section  
Instrument Location History  
1/1/1990 To 3/27/2015

DBH

JD

Instrument Serial Number: 010458

As of 27-Mar-15

Start Date	End Date	Agency Name
26-Mar-15		Rockingham County SO
03-Mar-15	26-Mar-15	DFS Central Lab
25-Sep-14	03-Mar-15	Fairfax County PD
29-Aug-14	25-Sep-14	DFS Central Lab
10-Jun-14	29-Aug-14	Blacksburg PD
18-Mar-11	10-Jun-14	DFS Central Lab
13-Aug-10	18-Mar-11	Virginia Beach PD
19-May-08	13-Aug-10	DFS Central Lab

Department of Forensic Science  
Breath Alcohol Section  
Instrument Maintenance History  
3/26/2014 To 3/27/2015

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**Instrument Serial Number:** 010458 **As of 27-Mar-15**

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<b>Maintenance Date</b>	<b>Certification Date</b>	<b>Technician Initials</b>	<b>Remarks</b>
26-Mar-15	13-Mar-15	DBH (21250)	REPLACED UPS BACK-UP BATTERY.
13-Mar-15	13-Mar-15	DBH (21250)	CERTIFIED.
25-Sep-14	15-Sep-14	HMS (18910)	REPLACED PRINTER RIBBON.
15-Sep-14	15-Sep-14	DBH (21250)	ADJUSTED AND TESTED SAMPLE SOLENOID. CERTIFIED.
02-Jun-14	02-Jun-14	MMB (26417)	CLEANED IR CHAMBER. FIRMWARE/SOFTWARE UPGRADE. CALIBRATED AND CERTIFIED.

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# INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010458** Worksheet Start Date **3/26/2015**  
 Location **Rockingham County SO**  
 Address **25 S Liberty St Harrisonburg VA 22801**  
 DFS Technician **Donald Hall** License No. **21250**

Laboratory  On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **719** Reference Barometer (mm HG) **721**  
 Reference Barometer(RB)Serial # **009109** RB Calibration Due **7/28/2015**

### Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.300	0.283	0.274	0.291	0.284
Precision		sample min	sample max	Sample 2
0.001		0.284	0.285	0.285
				Sample 3
				0.285

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.100	0.095	0.092	0.098	0.092
Precision		sample min	sample max	Sample 2
0.001		0.092	0.093	0.092
				Sample 3
				0.093

Dry gas standard Lot No. (with tank no.) **AG419702-48**

- Replaced dry gas standard (+O-ring)
- Installed at Location
- Removed to DFS-Central

Supplies  
 Mouthpieces **100**  
 Certificates of Analysis **200**  
 Operator Worksheet  
 Other:

### Notes:

Replaced UPS back-up battery.

Instrument Serial Number

010458

Certification Date

Calibrated

Certified

Measurement Assurance Check

Instrument Test

Troubleshooting/Maintenance Worksheet Completed

(Successful completion denotes satisfactory condition of the item.)

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.250		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.150		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.080		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.020		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

All measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

DFS Technician

*Donald B Hall*

Date

*3/27/15*

Issuing Analyst

*JLH*

Date

*3/27/15*

Intox EC/IR-II: Accuracy Check

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Department of Forensic Science

Serial Number: 010458      Test Number: 639  
Test Date: 03/26/2015      Test Time: 11:47 EDT  
Dry Gas Target: 0.283

Lot Number: AG428003-05      Exp Date: 10/07/2016  
Tank Pressure: 541 psi      Barometric Pressure: 718 mmHg  
System Check: Passed

Test	g/210L	Time
BLK	0.000	11:48
CHK	0.284	11:49
BLK	0.000	11:50
CHK	0.285	11:51
BLK	0.000	11:53
CHK	0.285	11:54

Test Status: Success

Calibration CRC: ECB381BF

Intox EC/IR-II: Accuracy Check

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Department of Forensic Science

Serial Number: 010458 Test Number: 640

Test Date: 03/26/2015 Test Time: 11:58 EDT

Dry Gas Target: 0.095

Lot Number: AG419702-48 Exp Date: 07/16/2016

Tank Pressure: 669 psi Barometric Pressure: 718 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	11:58
CHK	0.092	11:59
BLK	0.000	12:01
CHK	0.092	12:01
BLK	0.000	12:03
CHK	0.093	12:04

Test Status: Success

Calibration CRC: ECB381BF

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COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS  
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

NAME OF ACCUSED INSTRUMENT, TEST,	NAME OF COURT DFS
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY HALL, DONALD, B		AGENCY DFS Central Lab
DFS LICENSE NUMBER 21250	LICENSE EXPIRES 10/01/2016	DATE TEST CONDUCTED 03/26/2015
TEST EQUIPMENT NUMBER 010458		

RESULTS: TIME SAMPLE TAKEN 12:13 EDT

SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20 \_\_\_\_\_.

BREATH TEST OPERATOR
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I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS \_\_\_\_\_ SUBJECT'S SIGNATURE

SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS \_\_\_\_\_ OPERATOR'S SIGNATURE



**IntoxNet MIS Report**  
Report Generated 27 Mar 2015 at 13:47

DBH  
sid

Test Results

**Instrument Serial Number 010458**

<b>Test # 000641</b>	<b>Subject Test</b>		
Test Location 1 Department of		Test Location 2 Forensic Science	Test Location 3
Test Date 26 Mar 2015		Test Time 12:06	System Check Passed
		Remote/Local Local	
Operator's Last Name HALL		Operator's First Name DONALD	Operator's Middle Initial B
Agency DFS Central Lab		License Number 21250	
Card Serial Number 121250		Effective Date 10/01/2014	Expiration Date 10/01/2016
Subject's Last Name INSTRUMENT		Subject's First Name TEST	
Subject's Middle Initial		Subject's Date of Birth 00/00/0000	Subject's Sex Male
Driver's License Number		Driver's License Expiration 00/00/0000	
Driver's License State		Court Name DFS	
End Date 26 Mar 2015	End Time 12:14	Result Time 12:13	Result Date 26 Mar 2015
			Result 0.00
Data Type DIAG		Sample Value Pass	Sample Time 12:07
Data Type BLK		Sample Value 0.000	Sample Time 12:07
Data Type CHK		Sample Value 0.092	Sample Time 12:08
Data Type BLK		Sample Value 0.000	Sample Time 12:09
Data Type SUBJ		Sample Value 0.000	Sample Time 12:10
Data Type BLK		Sample Value 0.000	Sample Time 12:11
Data Type SUBJ		Sample Value 0.000	Sample Time 12:13
Data Type BLK		Sample Value 0.000	Sample Time 12:13
Standard Type Dry Gas Std		Standard Value 0.095	
Standard Lot Number AG419702-48		Standard Expiration Date 07/16/2016	
Tank Pressure 659		Barometric Pressure 718 mmHg	
Blow Sample Number 1	Blow Duration 3.62 sec	Blow Volume 1829 cc	End-of-Blow Time 12:10
Blow Sample Number 2	Blow Duration 3.86 sec	Blow Volume 1974 cc	End-of-Blow Time 12:13
Tamper Evident Stamp a3bfbb7a		Test Status Code 0	
Test Status Success			